**Q/ Answer the following: ( Marks)**

1. **What does influence animal behavior? ( Marks)**

**1)**

**2)**

**3)**

**4)**

1. **Mention the 5 Freedoms in poultry? ( Marks)**

**1)**

**2)**

**3)**

**4)**

**5)**

**Q/ Fill the blanks**

1. **-------------------- behaviour is developmentally fixed and are not modified by experience.**
2. **-------------------------, ----------------------, and ----------------------------- are some factors that influence social behaviour.**
3. **---------------------- and -------------------------- are causes of feather pecking and cannibalism.**
4. **Birds maintain contact with flock mates by ----------------------- and ----------------------.**
5. **There is evidence that overdrinking can be a ------------------------ behavior which is behavioral polydipsia or psychogenic overdrinking.**
6. **Some chicken’s maintenance behaviors as -----------------, -----------------, and --------------.**
7. ---------------------- and -------------------------- are examples on abnormal behavior.
8. Movement of the bird effects on the --------------------------.
9. Restriction of movement results in the prevention of specific behaviour patterns,because --------------------------------------------------------------------. Such prevention maycause ------------------, and -----------------------------------------------.

Q/ Answer the following: (18 Marks)1- Define: 1) Behaviour 2) Feed selectivity behave3) Displacement activities 4) Welfare (8 Marks)2- An example on Learned behaves in poultry. (2 Marks)3- Mention the 5 Freedoms in poultry? (5 Marks)4- As an agronomist, how can you assess animal welfare in a farm via the behaviouralindicators? (3 Marks)

**Q/ Answer the following:**

1. **Define: 1) Behaviour 2) Welfare quality (Marks)**
2. **Mention the following**
3. **Animal behaviour that modified and not modified by experience. (Marks)**
4. **Five Freedoms in poultry. (Marks)**
5. **Fowls maintain contact with flock mates by: (Marks)**
6. **Factors affecting on social behavior (Marks)**
7. **Cannibalism is easier to prevent than to treat. How can you prevent its occurrence in the flock (only 4 methods). (Marks)**
8. **Do you think that Over drinking is stress-related behavior? Why? (Explain by an example). (Marks)**
9. **Movement of the bird effects on the bone strength. How can you improve bone strength in birds raised in cages? (Marks)**
10. **Do you think that Dust/ water bathing is similar to other comfort behaviors? Why? (Marks)**
11. **Do you think that roosting and perching behavior in poultry have commercial benefits? If there is mention them. (Marks)**
12. **Do you think that behavioural indicators are useful to assess animal welfare in a farm? Why? (Marks)**